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## (54) Fusible link circuit including a preview feature

A fusible link circuit including a preview feature and a method for programming or calibrating therefore. The fusible link circuit includes a fusible link, including a threshold above which the fusible link will be forced to an open condition with the application of a threshold condition applied thereto and a circuit, coupled to the fusible link, including an input and an output, generating an output signal on the output in response to a signal being applied to the input, wherein the output signal provides an output state which simulates the open condition of the fusible link as a preview feature. The fusible link circuit includes the preview feature so that the output of any circuit, which must be calibrated, programmed, or have its output set to a predetermined value, can be simulated or previewed to determine whether the correct output is obtainable without destroying the fusible links.

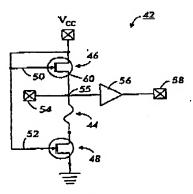


FIG. 3

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# EUROPEAN SEARCH REPORT

Application Number EP 99 10 1754

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Category	Catalion of document with of relevant pas	indication, where appropriate, sages	Aelevant to claim	CLASSIFICATION OF THE APPLICATION (InLCLG)
х	EP 0 675 439 A (SG MICROELECTRONICS) 4 October 1995 (19		1-3	G11C17/16
Y	* column 4, line 6	- line 11 *	8,9	·
	* figure 4A *		4-7,10	
r	US 5 418 487 A (AR 23 May 1995 (1995- * the whole document	05-23)	8,9	-
	6 September 1994 (:	LLIAM GARY R ET AL) 1994-09-06) 2 - column 3, line 27 *	1,5,8	·
				TECHNICAL FIELDS
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#### ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 99 10 1754

This armox lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP life on The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

27-04-2000

	stent doeumani d in search repo		Publication date	Patent lamily member(s)	Publicali date
EP	0675439	A	04-10-1995	US 5517455 A DE 69420389 D DE 69420389 T JP 7288078 A	14-05- 07-10- 23-03- 31-10-
US S	5418487	A	23-05-1995	NONE	
US !	5345110	A	06-09-1994	NONE	******
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			Scial Journal of the Europea		